



PATENT
81839.0107

#6/A
no
3/10/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Makoto IIDA, et al.

Serial No: 10/009,910

Filed: December 12, 2001

For: SILICON WAFER, SILICON EPITAXIAL
WAFER, ANNEAL WAFER AND METHOD
FOR PRODUCING THEM

Art Unit: 1765

Examiner: M. J. Song

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February 25, 2003

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John P. Scheffacher, Reg. No. 23,009

Name

John P. Scheffacher 02/25/03

Signature

Date

AMENDMENT

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated November 25, 2002, please amend the
above-identified application as follows:

IN THE CLAIMS:

Rewrite claim 3 as follows:

A₁ 3. (Amended) The method for producing a silicon single crystal according
to claim 1, wherein the silicon single crystal is pulled while doping with carbon
having concentration of 0.1 ppma or more and controlling V/G within a range of
0.183 to 0.177 mm²/K·min.

[Rewrite claim 4 as follows:]

4. (Amended) The method for producing a silicon single crystal according
to claim 2, wherein a silicon single crystal is pulled while doping with carbon having
concentration of 0.1 ppma or more and controlling V/G within a range of 0.183 to
0.177 mm²/K·min.

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John P. Scherlacher, Reg. No. 23,009

Name

John P. Scherlacher 02/25/03
Signature Date

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.
- ☐ A Notice Of Change Of Attorney's Address and Associate Power Of Attorney is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE	ADD'L FEE DUE
TOTAL CLAIMS FEE	18	-20	20 **	0	LG=\$18 SM=\$9	\$ 0
INDEPENDENT CLAIMS FEE	6	-3	6 ***	0	LG=\$84 SM=\$42	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$
					TOTAL	\$ 0

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \$ -0- to cover the additional claims fee is enclosed. **A copy of this sheet is enclosed.**
- ☐ A check in the amount of \$ -0- to cover the extension fee is enclosed. **A copy of this sheet is enclosed.**
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**
- ☒ Any filing fees under 37 C.F.R. 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By: *John P. Scherlacher*
John P. Scherlacher
Registration No. 23,009
Attorney for Applicant(s)

Date: February 25, 2003
Biltmore Tower
500 South Grand Avenue, Suite 1900
Telephone: 213 337-6700
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